



### Description

**RG-6 QUAD SHIELD BARE COPPER CATV 75 Ω Coaxial Cable**

### Applicable Standards

#### Reference Standard

SCTE IPS-SP-001

UL 1655, UL 13, UL 444, ROHS

### Physical Characteristics

<b>Conductor</b>		<b>Bare Copper</b>
AWG		18
Diameter	(inches)	0.0401
<b>Insulation</b>		<b>Skin Foamed PE</b>
Nom. Thickness	(inches)	0.0728
Insulation Diameter	(inches)	0.1858
<b>Braid Shield</b>		<b>Aluminum</b>
Coverage Area	(%)	<b>60</b>
Braid Diameter	(inches)	0.213
<b>Jacket</b>		<b>PVC</b>
Jacket Diameter	(inches)	0.2716
Nom. Thickness	(inches)	0.0295
<b>Nominal Weight</b>		<b>36 lbs.</b>

### Cable Marking

**RG6/U QUAD SHIELD 18AWG BC CMR FT4 XXXXXX VERIFIED TO C(ETL)US CATV SWEPT TO 3.0 GHZ \*\*\*\*FT**

### Electrical Performance

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
5	2.66	550	16.70
55	5.25	600	17.52
211	10.10	750	19.69
250	11.02	870	21.30
270	11.48	1000	22.97
300	12.14	1250	25.00
350	13.15	1450	26.37
400	14.11	2200	31.16
450	15.03	2400	32.83
500	15.88	3000	37.88

### Electrical Characteristics

Temperature Rating	(°C)	-20 to 60
Impedence	(± 3.0 Ohms)	75
Capacitance	(pF/ft)	15.5
Conductor DCR@20° C	(ohms/1000ft)	28.6
Velocity of Propagation	(%)	84
ROHS Compliant		Yes
NEC Rating		CM

### Part Numbers

Part Numbers	Color	Put-up
RG6QRBK1-BC	Black	1,000' Pullbox
RG6QRWH1-BC	White	1,000' Pullbox